

**RECEIVED
CENTRAL FAX CENTER**IN THE CLAIMS**OCT 27 2008**

Please amend claim 1 as follows:

1. (CURRENTLY AMENDED) A method of processing a video stream received by a computer, the method comprising:
receiving a video stream, wherein the video stream comprises multiple frames;
analyzing the video stream to identify scene changes between frames of the video stream; and
marking one or more user or private data fields of one or more scene-change frames of the video stream to indicate that a scene change [[and]] occurs in the scene-change frame, as well as a type of scene change, in a manner transparent for encoded content within the frames, and in order to provide an index of access points for displaying specific scenes or segments.
2. (ORIGINAL) The method of claim 1, wherein the computer comprises an encoder.
3. (ORIGINAL) The method of claim 2, wherein marking one or more fields occurs within the encoder.
4. (CANCELED)
5. (CANCELED)
6. (ORIGINAL) The method of claim 1, wherein a scene change occurs when the content of a first frame of the video stream changes sufficiently in a second frame of the video stream such that the second frame triggers a new view relative to the first frame.
7. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the type of scene change indicates a scene change occurred due to one or more specific scene change attributes.
8. (PREVIOUSLY PRESENTED) The method of claim 7, wherein the scene change attributes identify that a scene change occurred due to a scan, tilt, zoom or cut.

9. (PREVIOUSLY PRESENTED) The method of claim 8, further comprising one or more additional data bits that represent an amount of change caused by a corresponding scene change attribute.

10. (ORIGINAL) The method of claim 1, further comprising compressing the video stream to generate a video file.

11. (ORIGINAL) The method of claim 10, wherein a frame of the video file representing a scene change comprises a full frame

12. (ORIGINAL) The method of claim 10, wherein a frame of the video file representing a scene change comprises a delta frame.

13. (ORIGINAL) The method of claim 10, further comprising extracting one or more frames representing a scene change from the video file with an extraction tool, wherein the extraction tool selects frames representing scene changes by reading scene change data in the fields.

14. (ORIGINAL) The method of claim 13, wherein the extraction tool accesses the scene change data in the fields in real time.

15. (ORIGINAL) The method of claim 13, further comprising generating a storyboard with the extracted frames.

16-45. (CANCELED)